

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/740,256B
Source: IFW16
Date Processed by STIC: 11/8/06

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 11/08/2006

PATENT APPLICATION: US/10/740,256B

TIME: 08:54:40

Input Set : A:\08497.ST25.txt

Output Set: N:\CRF4\11082006\J740256B.raw

3 <110> APPLICANT: Dahlberg, James E.
 4 Allawi, Hatim T.
 5 Lyamichev, Victor
 6 Neri, Bruce P.
 7 Olson-Munoz, Marilyn
 8 Chehak, LuAnne
 9 Olson, Sarah M.

11 <120> TITLE OF INVENTION: Detection of Small Nucleic Acids

13 <130> FILE REFERENCE: FORS-08497

15 <140> CURRENT APPLICATION NUMBER: 10/740,256B

16 <141> CURRENT FILING DATE: 2003-12-18

18 <160> NUMBER OF SEQ ID NOS: 125

20 <170> SOFTWARE: PatentIn version 3.3

22 <210> SEQ ID NO: 1

23 <211> LENGTH: 27

24 <212> TYPE: DNA

25 <213> ORGANISM: Artificial Sequence

27 <220> FEATURE:

28 <223> OTHER INFORMATION: Synthetic

31 <220> FEATURE:

32 <221> NAME/KEY: modified_base

33 <222> LOCATION: (1)..(14)

34 <223> OTHER INFORMATION: 2'-O-methyl

36 <400> SEQUENCE: 1

37 ggcacuuuug ugccaactat acaaccg

27

40 <210> SEQ ID NO: 2

41 <211> LENGTH: 36

42 <212> TYPE: DNA

43 <213> ORGANISM: Artificial Sequence

45 <220> FEATURE:

46 <223> OTHER INFORMATION: Synthetic

49 <220> FEATURE:

50 <221> NAME/KEY: modified_base

51 <222> LOCATION: (23)..(36)

52 <223> OTHER INFORMATION: 2'-O-methyl

54 <400> SEQUENCE: 2

55 ccgtcgctgc gttactacct caccgacguuu ucgucg

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58 <210> SEQ ID NO: 3

59 <211> LENGTH: 30

60 <212> TYPE: RNA

61 <213> ORGANISM: Artificial Sequence

63 <220> FEATURE:

64 <223> OTHER INFORMATION: Synthetic

see p. 6

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69 <222> LOCATION: (1)..(30)
70 <223> OTHER INFORMATION: 2'-O-methyl
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73 cgacgaaaac gucgugaggu aguaacgcag 30
76 <210> SEQ ID NO: 4
77 <211> LENGTH: 22
78 <212> TYPE: RNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Synthetic
85 <220> FEATURE:
86 <221> NAME/KEY: modified_base
87 <222> LOCATION: (1)..(20)
89 <400> SEQUENCE: 4
90 ugagguagua gguuguauag uu 22
93 <210> SEQ ID NO: 5
94 <211> LENGTH: 26
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Synthetic
102 <220> FEATURE:
103 <221> NAME/KEY: modified_base
104 <222> LOCATION: (1)..(14)
105 <223> OTHER INFORMATION: 2'-O-methyl
107 <400> SEQUENCE: 5
108 ggcacuuuug ugccaactat acaact 26
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 37
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Synthetic
120 <220> FEATURE:
121 <221> NAME/KEY: modified_base
122 <222> LOCATION: (24)..(37)
123 <223> OTHER INFORMATION: 2'-O-methyl
125 <400> SEQUENCE: 6
126 ccgtcgctgc gtctactacc tcacgacguu uucgucg 37
129 <210> SEQ ID NO: 7
130 <211> LENGTH: 31
131 <212> TYPE: RNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Synthetic
138 <220> FEATURE:
139 <221> NAME/KEY: modified_base

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140 <222> LOCATION: (1)..(31)
141 <223> OTHER INFORMATION: 2'-O-methyl
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144 cgacgaaaac gucgugaggu aguagacgca g 31
147 <210> SEQ ID NO: 8
148 <211> LENGTH: 25
149 <212> TYPE: DNA
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152 <220> FEATURE:
153 <223> OTHER INFORMATION: Synthetic
156 <220> FEATURE:
157 <221> NAME/KEY: modified_base
158 <222> LOCATION: (1)..(14)
159 <223> OTHER INFORMATION: 2'-O-methyl
161 <400> SEQUENCE: 8
162 ggcacuuuug ugccaactat acaat 25
165 <210> SEQ ID NO: 9
166 <211> LENGTH: 38
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Synthetic
174 <220> FEATURE:
175 <221> NAME/KEY: modified_base
176 <222> LOCATION: (25)..(38)
177 <223> OTHER INFORMATION: 2'-O-methyl
179 <400> SEQUENCE: 9
180 aacgaggcgc accctactac ctcacgacgu uuucgucg 38
183 <210> SEQ ID NO: 10
184 <211> LENGTH: 32
185 <212> TYPE: RNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
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192 <220> FEATURE:
193 <221> NAME/KEY: modified_base
194 <222> LOCATION: (1)..(32)
195 <223> OTHER INFORMATION: 2'-O-methyl
197 <400> SEQUENCE: 10
198 cgacgaaaac gucgugaggu aguagggugc gc 32
201 <210> SEQ ID NO: 11
202 <211> LENGTH: 29
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Synthetic
210 <220> FEATURE:
211 <221> NAME/KEY: modified_base
212 <222> LOCATION: (1)..(16)

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213 <223> OTHER INFORMATION: 2'-O-methyl
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216 ggcagcuuuu gcugccctcc atacttctc 29
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220 <211> LENGTH: 38
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Synthetic
228 <220> FEATURE:
229 <221> NAME/KEY: modified_base
230 <222> LOCATION: (23)..(38)
231 <223> OTHER INFORMATION: 2'-O-methyl
233 <400> SEQUENCE: 12
234 aacgaggcgc attacattc cagagccuu ugggcucg 38
237 <210> SEQ ID NO: 13
238 <211> LENGTH: 32
239 <212> TYPE: RNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
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246 <220> FEATURE:
247 <221> NAME/KEY: modified_base
248 <222> LOCATION: (1)..(32)
249 <223> OTHER INFORMATION: 2'-O-methyl
251 <400> SEQUENCE: 13
252 cgagccaaaa ggcucgugga auguaagugc gc 32
255 <210> SEQ ID NO: 14
256 <211> LENGTH: 22
257 <212> TYPE: RNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Synthetic
264 <220> FEATURE:
265 <221> NAME/KEY: modified_base
266 <222> LOCATION: (1)..(22)
267 <223> OTHER INFORMATION: 2'-O-methyl
269 <400> SEQUENCE: 14
270 uggaauguaa agaaguaagg ag 22
273 <210> SEQ ID NO: 15
274 <211> LENGTH: 28
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Synthetic
282 <220> FEATURE:
283 <221> NAME/KEY: modified_base
284 <222> LOCATION: (1)..(16)
285 <223> OTHER INFORMATION: 2'-O-methyl

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287 <400> SEQUENCE: 15
288 ggcagcuuuu gcugccctcc atacttcc 28
291 <210> SEQ ID NO: 16
292 <211> LENGTH: 39
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Synthetic
300 <220> FEATURE:
301 <221> NAME/KEY: modified_base
302 <222> LOCATION: (24)..(39)
303 <223> OTHER INFORMATION: 2'-O-methyl
305 <400> SEQUENCE: 16
306 aacgaggcgc actttacatt ccacgagccu uuuggcucg 39
309 <210> SEQ ID NO: 17
310 <211> LENGTH: 33
311 <212> TYPE: RNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Synthetic
318 <220> FEATURE:
319 <221> NAME/KEY: modified_base
320 <222> LOCATION: (1)..(33)
321 <223> OTHER INFORMATION: 2'-O-methyl
323 <400> SEQUENCE: 17
324 cgagccaaaa ggcucgugga auguaaagug cgc 33
327 <210> SEQ ID NO: 18
328 <211> LENGTH: 27
329 <212> TYPE: DNA
330 <213> ORGANISM: Artificial Sequence
332 <220> FEATURE:
333 <223> OTHER INFORMATION: Synthetic
336 <220> FEATURE:
337 <221> NAME/KEY: modified_base
338 <222> LOCATION: (1)..(16)
339 <223> OTHER INFORMATION: 2'-O-methyl
341 <400> SEQUENCE: 18
342 ggcagcuuuu gcugccctcc atacttt 27
345 <210> SEQ ID NO: 19
346 <211> LENGTH: 40
347 <212> TYPE: DNA
348 <213> ORGANISM: Artificial Sequence
350 <220> FEATURE:
351 <223> OTHER INFORMATION: Synthetic
354 <220> FEATURE:
355 <221> NAME/KEY: modified_base
356 <222> LOCATION: (25)..(40)
357 <223> OTHER INFORMATION: 2'-O-methyl
359 <400> SEQUENCE: 19

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/740,256B

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Input Set : A:\08497.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:112; N Pos. 1

Seq#:113; N Pos. 1

VERIFICATION SUMMARY

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Input Set : A:\08497.ST25.txt

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L:1904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112 after pos.:0
L:1921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:0
L:2000 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (120) SEQUENCE:
L:2005 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (121) SEQUENCE: